



Publications of the Western Earth Surface Processes Team 2006

Compiled by Charles Powell, II, and Paul Stone

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Introduction

The Western Earth Surface Processes Team (WESPT) of the U.S. Geological Survey (USGS) conducts geologic mapping, earth-surface process investigations, and related topical earth science studies in the western United States. This work is focused on areas where modern geologic maps and associated earth-science data are needed to address key societal and environmental issues such as ground-water quality, landslides and other potential geologic hazards, and land-use decisions. Areas of primary emphasis in 2006 included southern California, the San Francisco Bay region, the Mojave Desert, the Colorado Plateau region of northern Arizona, and the Pacific Northwest. The team has its headquarters in Menlo Park, California, and maintains smaller field offices at several other locations in the western United States.

The results of research conducted by the WESPT are released to the public as a variety of databases, maps, text reports, and abstracts, both through the internal publication system of the USGS and in diverse external publications such as scientific journals and books. This report lists publications of the WESPT released in 2006 as well as additional 2005 publications that were not included in the previous lists (USGS Open-File Reports 03-363 [<http://geopubs.wr.usgs.gov/open-file/of03-363/>], 2004-1267 [<http://pubs.usgs.gov/of/2004/1267/of2004-1267.pdf>], 2005-1362 [<http://pubs.usgs.gov/of/2005/1362>], 2007-1027 [<http://pubs.usgs.gov/of/2007/1027>]). Most of the publications listed were authored or coauthored by WESPT staff. The list also includes some publications authored by non-USGS cooperators with the WESPT, as well as some authored by USGS staff outside the WESPT in cooperation with WESPT projects.

Several of the publications listed are available on the World Wide Web; for these, URL addresses are provided. Many of these web publications are USGS Open-File reports that contain large digital databases of geologic map and related information.

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Additional 2005 Publications

- Dorsey, R.J., Janecke, S.U., Kirby, S.M., McDougall, K.A., and Steely, A.N. 2005, Pliocene evolution of the lower Colorado River in the Salton Trough: tectonic controls on paleogeography and the regional Borrego Lake [abs.], *in* Reheis, M.C., ed., Geologic and biotic perspectives on late Cenozoic drainage history of the southwestern Great Basin and lower Colorado River region: Conference abstracts: U.S. Geological Survey Open-File Report 2005-1404, p. 13, <http://pubs.usgs.gov/of/2005/1404/pdf/OFR-2005-1404.pdf>.
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- Bedford, D.R., Small, E.E., Tucker, G.E., and Pockman, W.T., 2006 Effect of soil and vegetation heterogeneity on runoff in a semi-arid grassland [abs.]: Eos, Transactions, American Geophysical Union, v. 87, no. 52, Fall Meeting Supplement, Abstract H33H-07, <http://adsabs.harvard.edu/abs/2006AGUFM.H33H..07B>.
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